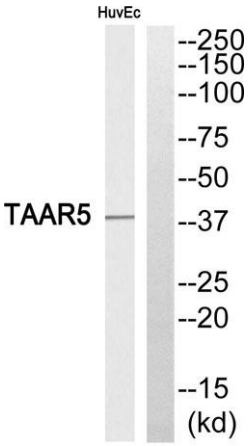
TAAR5 rabbit pAb

Cat#: orb770812 (Manual)

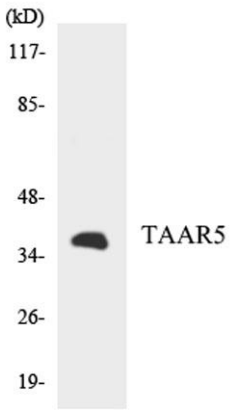
For research use only. Not intended for diagnostic use.

Product Name	TAAR5 rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human TAAR5. AA range:288-337
Specificity	TAAR5 Polyclonal Antibody detects endogenous levels of TAAR5 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Trace amine-associated receptor 5
Gene Name	TAAR5
Cellular localization	Cell membrane ; Multi-pass membrane protein .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

Concentration	1 mg/ml
Observed band	38kD
Human Gene ID	9038
Human Swiss-Prot Number	O14804
Alternative Names	TAAR5; PNR; Trace amine-associated receptor 5; TaR-5; Trace amine receptor 5; Putative neurotransmitter receptor
Background	function:Orphan receptor. Ligands are likely small molecules, either sharing some similarities with trace amine as, e.g. derivatives of indolamines (such as 5-methoxytryptamine) or of phenylethylamines (such as phenylethanolamine) or being any kind of metabolite of amino acids or biogenic amine neurotransmitters.,similarity:Belongs to the G-protein coupled receptor 1 family.,tissue specificity:Expressed almost exclusively in skeletal muscle and selected areas of the brain, such amygdala, hippocampus, caudate nucleus, thalamus and hypothalamus. Weak expression is also find in substantia nigra.,



Western blot analysis of TAAR5 Antibody. The lane on the right is blocked with the TAAR5 peptide.



Western blot analysis of the lysates from HUVECcells using TAAR5 antibody.

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